**Assignment 2.2: Report**

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**YouTube Links:**

<https://www.youtube.com/watch?v=xcX10pu1qDM>

**Description:**

This assignment had us expand from the final lab in Assignment 2.1. We took the RGB LED and added in functionality so that it would fade with different color patterns depending on the amount of times a button was pressed. There are three pattern modes that the circuit can be in, and the pattern mode is changed by pressing the button. The button triggers an interrupt, which allows it to move on to the next mode.